| CLAIMS ONLY             |                      |  |  |  |  |  |                 | SERIAL NO. 1007 3532 APPLICANT(S) |  |              |  | FILING DATE   |  |  |  |
|-------------------------|----------------------|--|--|--|--|--|-----------------|-----------------------------------|--|--------------|--|---|--|--|--|
|                         |                      |  |  |  |  |  | CLAIMS          |                                   |  |              |  |   |  |  |  |
|                         | AS FILED             |  | AFTER<br>1st AMENDMENT                           |  | AFTER  |  |                 |                                   | *  |              | *  |   | *  |  |  |
|                         | IND.                 | DEP.   | IND.   | DEP.   | 2nd AME  | DEP.   |                 |                                   | IND.   | DEP.         | IND.   | DEP.  | IND.   | DEP.   |  |
| 1                       | 7                    |  |  |  |  |  |                 | 51                                |  |              |  |   |  |  |  |
| 2                       |                      | (  |  |  |  |  |                 | 52                                |  |              |  |   |  |  |  |
| 3                       |                      | /  |  |  |  |  |                 | 53                                |  |              |  |   |  |  |  |
| 4                       | <u>+</u> _           | '  |  |  |  |  |                 | 54                                |  |              |  |   | <del> </del>                                     | <u> </u>   |  |
| 5                       |                      | '.   | _  |  |  |  |                 | 55                                |  |              | <del> </del>                                     |   |  | ļ  |  |
| 6<br>7                  |                      | +  |  |  | -  |  |                 | 56<br>57                          |  |              | <del>                                     </del> |   |  |  |  |
| 8                       |                      | + '7   |  |  | -  |  |                 | 58                                |  |              | <u> </u>   |   |  | <del> </del>                                     |  |
| 9                       |                      | i  |  |  |  |  |                 | 59                                |  |              |  |   |  |  |  |
| 10                      | (                    |  |  |  |  |  |                 | 60                                |  |              |  |   |  |  |  |
| 11                      |                      |  |  |  |  |  |                 | 61                                |  |              |  |   |  |  |  |
| 12                      |                      | 1  |  |  | <u> </u>   |  |                 | 62                                |  |              | <u> </u>   |   | <u> </u>   | <del> </del>                                     |  |
| 13                      |                      | <del>                                     </del> |  |  |  |  |                 | 63                                |  |              | <del> </del>                                     | ļ   | <del> </del>                                     | <del> </del>                                     |  |
| 14                      |                      |  |  |  | -  |  |                 | 64                                |  |              | <del> </del>                                     | 17  | <del> </del>                                     | <b>_</b>   |  |
| 15<br>16                |                      | 1  |  |  | -  |  |                 | 65<br>66                          |  |              |  |   | <del> </del>                                     | +  |  |
| 17                      |                      | <del>                                     </del> |  |  | <del> </del>                                     |  |                 | 67                                |  |              |  | <b></b>   | <u> </u>   | <del>                                     </del> |  |
| 18                      |                      | 1  |  |  | <u> </u>   |  |                 | 68                                |  |              |  |   |  |  |  |
| 19                      |                      | (  |  |  |  |  | }               | 69                                |  |              |  |   |  |  |  |
| 20                      |                      |  |  |  |  |  |                 | 70                                |  |              |  | ·   |  |  |  |
| 21                      |                      |  |  | ļ  | ļ  |  |                 | 71                                |  |              | ļ  |   | ļ  | <u> </u>   |  |
| 22                      |                      |  |  |  | -  |  |                 | 72                                |  |              | ļ  |   | -  |  |  |
| 23<br>24                |                      | <del> </del>                                     | <u>-</u>   | <b></b>  | <del>                                     </del> | <b> </b>   |                 | 73<br>74                          |  |              | <del> </del>                                     | <u> </u>  | <del>                                     </del> | <del> </del>                                     |  |
| 25                      |                      | · · · · · · · · · · · · · · · · · · ·            |  |  |  |  | 1               | 75                                |  | <u> </u>     | 1  |   | <del> </del>                                     | <del>                                     </del> |  |
| 26                      |                      | <u> </u>   |  |  |  |  |                 | 76                                |  |              |  |   | 1  | <del> </del>                                     |  |
| 27                      |                      |  |  |  | Ì  |  |                 | 77                                |  |              |  |   |  |  |  |
| 28                      |                      |  |  |  |  |  |                 | 78                                |  |              |  |   |  |  |  |
| 29                      |                      |  |  |  |  |  | ]               | 79                                |  |              | ļ  |   |  |  |  |
| 30                      |                      | 1  |  | ļ  | ļ  | <u> </u>   |                 | 80                                |  |              | <b></b> _  |   | <del>                                     </del> |  |  |
| 31<br>32                |                      |  |  | :  | <del></del>                                      |  | 1               | . 82                              | -  |              | -  |   | <del> </del>                                     | <del> </del>                                     |  |
| 33                      |                      | -  |  | <u> </u>   | 1  |  | 1               | 83                                |  | <u> </u>     | <del> </del>                                     |   | <del> </del>                                     | <u> </u>   |  |
| 34                      |                      | 1  |  | <del>                                     </del> | 1  | 1  | 1               | 84                                |  |              |  |   | †  | <del> </del>                                     |  |
| 35                      |                      |  |  | 1  | <u>†                                      </u>   | † <del></del>                                    | 1               | 85                                | <b></b>  | <u> </u>     |  |   | 1  | 1  |  |
| 36                      |                      |  |  |  |  |  | 1               | 86                                | -  |              |  |   |  |  |  |
| 37                      |                      |  |  |  |  | L  | 1               | 87                                |  |              |  |   | <b></b> _  |  |  |
| 38                      |                      | -  | ļ  | <b> </b>   | <del>                                     </del> | -  | 4               | 88                                | <b> </b>   | -            | <b></b>  |   | 1  |  |  |
| 39                      | <b> </b>             | 1  | -  | ļ  | -  | <u> </u>   | -               | 89                                | <b> </b>   | -            |  | -   | <del> </del>                                     | <del> </del>                                     |  |
| 40<br>41                | -                    | +  | -  |  | +  | <del> </del>                                     | ┨               | 90                                | ļ  | <del> </del> | +  | <del> </del>  | ┼──  | +  |  |
| 42                      | $\vdash$             | 1  | <del>                                     </del> | <u> </u>   | +  | <del> </del>                                     | 1               | 92                                | <del>                                     </del> | <u> </u>     | +  | 1   | +  | <del>†</del>                                     |  |
| 43                      |                      | 1  |  | -  | <del>                                     </del> | <b> </b>   | 1               | 93                                |  | <u> </u>     | <del>                                     </del> |   | 1  | 1  |  |
| 44                      |                      |  |  |  |  |  | ]               | 94                                |  |              |  |   |  |  |  |
| 45                      |                      |  |  |  |  |  | 1               | 95                                |  |              |  |   |  |  |  |
| 46                      |                      |  |  | <u> </u>   |  |  |                 | 96                                | <u> </u>   | <u> </u>     | <del>  -</del>                                   | <u> </u>  |  | -  |  |
| 47                      |                      | <del> </del>                                     |  | 1  |  | -  | 4               | 97                                | ļ  | <u> </u>     | ļ  | <del> </del>  | ┼  | +  |  |
| <del>48</del><br>49     |                      | <del> </del>                                     |  | +  | -  | <del>                                     </del> | 1               | 98                                | ļ  | <del> </del> | -  | +   | +  | +  |  |
| <del>- 49</del><br>- 50 | $\vdash$             | <del> </del>                                     | <b>-</b>   | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | ┪               | 100                               | <del>                                     </del> | +            | <del> </del>                                     | +-  | +  | +  |  |
| TOTAL                   | 计                    | 1  |  | 1  | <del> </del>                                     |  | 1               | TOTAL                             |  | _            |  | -   |  | <u> </u>   |  |
| IND.                    | 11/                  | J ♣  |  | J 🚜  |  | J 🚚  |                 | IND.                              |  | J 🚚          |  |   | -  | <b>」</b> ↓↓                                      |  |
| DEP.                    | 18                   |  | <u> </u>   | ļ  | ļ  |  |                 | DEP.                              |  |              |  |   |  |  |  |
| TOTAL                   | 20                   | ti   | ) <u> </u>                                       | *MAY   | BE USED  | FOR ADD  | II<br>ITIONAL ( | CLAIMS O                          | R ADMEN  | IDMENTS      |  |   |  | <u> </u>   |  |
| EODU BI                 | FORM PTO-2022 (1-98) |  |  |  |  |  |                 |                                   |  |              |  | U.S.DEPARTMENT OF COMMERCE<br>Patent and Trademark Office |  |  |  |